

WHAT IS CLAIMED IS:

1. A communication apparatus comprising:

an image processor, arranged to process color and monochrome images; and

5 a communication controller, arranged to control a communication with a partner apparatus, and to select whether transmission of a color image is to be canceled or the color image is to be sent as a monochrome image, when transmission of the color image is instructed, and  
10 it is determined based on information that pertains to color reception performance of the partner apparatus that the partner apparatus does not have color reception performance.

2. A communication apparatus comprising:

15 an image processor, arranged to process color and monochrome images;

a communication controller, arranged to control a communication with a partner apparatus; and

a setter, arranged to set a transmission  
20 processing method of a color image in accordance with color reception performance of the partner apparatus, wherein when transmission of a color image is instructed, the communication controller controls transmission of an image in accordance with information  
25 that pertains to the color reception performance of the partner apparatus and a setup state of the setter.

3. The apparatus according to claim 2, wherein a user can set using the setter if the color image is to be sent as a monochrome image, when the partner apparatus does not have color reception performance.

5 4. The apparatus according to claim 3, wherein when the partner apparatus does not have color reception performance, and the setter is set to inhibit the color image from being sent as a monochrome image, the communication controller cancels transmission of an  
10 image, and outputs a message that prompts to change the setup so as to send the color image as a monochrome image.

5. The apparatus according to claim 3, wherein when the partner apparatus does not have color reception  
15 performance, and the setter is set to permit the color image to be sent as a monochrome image, the communication controller outputs a message indicating that the color image is sent as a monochrome image.

6. The apparatus according to claim 3, wherein when  
20 the partner apparatus does not have color reception performance, and the setter is set to inhibit the color image from being sent as a monochrome image, the communication controller accepts a simulcast instruction, and when the setter is set to permit the  
25 color image to be sent as a monochrome image, the communication controller does not accept a simulcast instruction.

7. The apparatus according to claim 3, wherein the communication controller has a memory transmission mode for starting transmission of an image after an image to be sent is saved in a memory, and a direct transmission mode for generating an image to be sent after color reception performance information of the partner apparatus is obtained, and selectively uses the two transmission modes in accordance with the setup of the setter when transmission of a color image is instructed.
8. The apparatus according to claim 7, wherein when the setter is set to inhibit the color image from being sent as a monochrome image, the communication controller selects the memory transmission mode.
9. The apparatus according to claim 7, wherein when the setter is set to permit the color image to be sent as a monochrome image, the communication controller selects the direct transmission mode.
10. The apparatus according to claim 3, wherein when transmission of a color image is instructed, and the setter is set to inhibit the color image from being sent as a monochrome image, the communication controller accepts a simulcast instruction, and when the setter is set to permit the color image to be sent as a monochrome image, the communication controller does not accept a simulcast instruction.
11. The apparatus according to claim 2, wherein the communication controller outputs the number of pages

sent as color images and the number of pages sent as monochrome images.

12. A communication apparatus comprising:

an image processor, arranged to process color and  
5 monochrome images;

a communication controller, arranged to control a communication with a partner apparatus; and

a setter, arranged to set whether a color or monochrome image is to be sent in each image,  
10 wherein when transmission of a color image is instructed, the communication controller controls transmission of an image in accordance with information that pertains to the color reception performance of the partner apparatus and a setup state of the setter.

15 13. The apparatus according to claim 12, wherein when the partner apparatus does not have color reception performance and images to be sent include a color image, the communication controller cancels transmission of the images.

20 14. The apparatus according to claim 12, wherein when the partner apparatus does not have color reception performance and images to be sent include a color image, the communication controller invalidates the setup of the setter and sends all images as monochrome images.

25 15. The apparatus according to claim 12, wherein the communication controller outputs the number of pages

sent as color images and the number of pages sent as monochrome images.

16. A control method of controlling a communication apparatus having an image processor which processes

5 color and monochrome images, and a communication controller which controls a communication with a partner apparatus, comprising the step of:

selecting whether transmission of a color image is to be canceled or the color image is to be sent as a  
10 monochrome image, when transmission of the color image is instructed, and it is determined based on information that pertains to color reception performance of the partner apparatus that the partner apparatus does not have color reception performance.

15 17. A control method of controlling a communication apparatus having an image processor which processes color and monochrome images, a communication controller which controls a communication with a partner apparatus, and a setter which sets a transmission processing  
20 method of a color image in accordance with color reception performance of the partner apparatus, comprising the step of:

controlling, when transmission of a color image is instructed, transmission of an image in accordance  
25 with information that pertains to the color reception performance of the partner apparatus and is obtained

from the communication controller, and a setup state of the setter.

18. A control method of controlling a communication apparatus having an image processor which processes

5 color and monochrome images, a communication controller which controls a communication with a partner apparatus, and a setter which sets whether a color or monochrome image is to be sent in each image, comprising the step of:

10 controlling, when transmission of a color image is instructed, transmission of an image in accordance with information that pertains to the color reception performance of the partner apparatus, and is obtained from the communication controller, and a setup state of  
15 the setter.

19. A computer program product comprising a computer readable medium having a computer program code, for a control method of controlling a communication apparatus having an image processor which processes color and  
20 monochrome images, and a communication controller which controls a communication with a partner apparatus, comprising process procedure code for:

selecting whether transmission of a color image is to be canceled or the color image is to be sent as a  
25 monochrome image, when transmission of the color image is instructed, and it is determined based on information that pertains to color reception

performance of the partner apparatus that the partner apparatus does not have color reception performance.

20. A computer program product comprising a computer readable medium having a computer program code, for a  
5 control method of controlling a communication apparatus having an image processor which processes color and monochrome images, a communication controller which controls a communication with a partner apparatus, and a setter which sets a transmission processing method of  
10 a color image in accordance with color reception performance of the partner apparatus, comprising process procedure code for:

controlling, when transmission of a color image is instructed, transmission of an image in accordance  
15 with information that pertains to the color reception performance of the partner apparatus and is obtained from the communication controller, and a setup state of the setter.

21. A computer program product comprising a computer  
20 readable medium having a computer program code, for a control method of controlling a communication apparatus having an image processor which processes color and monochrome images, a communication controller which controls a communication with a partner apparatus, and  
25 a setter which sets whether a color or monochrome image is to be sent in each image, comprising process procedure code for:

controlling, when transmission of a color image  
is instructed, transmission of an image in accordance  
with information that pertains to the color reception  
performance of the partner apparatus, and is obtained  
5 from the communication controller, and a setup state of  
the setter.